

# **STATISTICAL NOTE**

## **REPORTED PREGNANCIES AND PREGNANCY RATES IN THE DISTRICT OF COLUMBIA, 2009-2013**

**Department of Health  
Center for Policy, Planning, and Evaluation  
State Center for Health Statistics**

**Government of the District of Columbia  
Muriel Bowser, Mayor**

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# **Reported Pregnancies and Pregnancy Rates in the District of Columbia, 2009 - 2013**

## **Introduction**

This report provides statistics on the pregnancies of District of Columbia resident women, which were reported to the Department of Health during the five-year period of 2009-2013. The pregnancy outcome categories included in this report are live births, induced abortions, and fetal deaths of at least 20 weeks gestation or weighing at least 500 grams. Fetal deaths under 20 weeks of gestation or less than 500 grams and abortions not reported to the Department of Health are not included. Abortion reporting is voluntary in the District of Columbia and the Department of Health does not receive reports on abortions performed in private physicians' offices. Abortions performed on District residents outside Washington, D.C. are included; however, demographic information on abortions performed outside Washington, D.C. on District of Columbia residents is either not available or limited during this five-year period. In 2012, abortion data were not available by resident status for the first quarter (January-March); therefore, the tables and figures presented in this report for 2012 include numbers estimated from the total number of abortions performed in different centers using the proportion of DC resident abortions performed in each center during the first quarter of 2011 and the numbers reported later were updated.

Annual pregnancy rates were calculated using U.S. Census Bureau mid-year population estimates for July 2009, July 2011-2013 and 2010 Census data. Prior to 1996, unknown cases in previous reports were distributed according to the reported age proportions. Age proportion distributions based on unknown or not reported cases are no longer included in these reports. For this report SAS 9.3 for Windows and ArcGIS 10.1 version were used.

## **Pregnancies**

In this report, a pregnancy can have one out of three outcomes: a live birth, a legally induced abortion, or a fetal death. Thus, the number of pregnancies is the sum of live births, legally induced abortions, and fetal deaths. Up to 2012 the number of reported pregnancies continued to increase since 2009. In 2013, the number of pregnancies decreased about 3.0% from 2012. The 10,971 pregnancies reported to the Department of Health in 2013 were 335 pregnancies fewer than the 11,306 pregnancies reported in 2012 (Table 1). The pregnancy rate also continued to decrease by about 5.4 percent between 2012 and 2013, from 66.5 pregnancies per 1,000 women aged 15-44 years in 2012 to 62.9 in 2013. The pregnancy rates decreased between 2012 and 2013 for women in all age groups except among <15 years which was 1.7 in 2012 to 2.1 in 2013. Teen age (15-19 years) mothers continue to experience highest decreased in pregnancy during the reporting period.

The *teenage pregnancy rate* for 2013 was 40.9 pregnancies per 1,000 women aged 15-19 years, which was higher than the teen birth rate in that year (32.1) (Tables 1 and 4). The teenage pregnancy rate decreased 17.0 percent from 2012 to 2013. This decrease in the 2013 teen pregnancy rate is consistent with the decrease in the reported number of live births, number of induced abortions and number of fetal deaths among teenagers (Table 1). During the 2009-2013 period, the teenage pregnancy rate was highest in 2009 (59.1 per 1,000 women), followed by a downward trend. Between 2009 and 2013, the teenage pregnancy rate decreased by 30.8 percent. The pregnancy rate for teenagers aged 15-17 years declined by about 11.0 percent from 37.7 in 2012 to 33.6 pregnancies per 1,000 women in 2013. Among older teenagers 18-19 years, the pregnancy rate decreased by 20.7 percent from 57.5 percent in 2012 to 45.6 percent in 2013.

There were slight changes in the racial composition of women with reported pregnancies in the District. In 2012, 53.2 percent of reported pregnancies were to black women compared to 54.4 percent in 2013. Among white women, reported pregnancies increased by 4.3 percent from 30.0 percent in 2012 to 31.3 percent in 2013. Among Asian and Pacific Islanders, reported pregnancies increase about 7.0 percent from 4.3 to 4.6 percent during the same period. However, in 2013, 8.8 percent of reported pregnancies to women were from other races, a decrease of 5.4 percent from 9.3 in 2012. The number of reported pregnancies for Hispanic/Latina women also decreased by 7.3 percent from 13.7 percent in 2012 to 12.7 percent in 2013 (Table 3). It is important to note that “Hispanic/Latina” is not a race category. Persons of Hispanic origin may be of any race and are, therefore, included in all racial categories (i.e., black, white, and other races).

## **Live Births**

The numbers of live births to the District of Columbia residents have been increasing annually in the last 3 years since 2010. However, the 9,264 births in 2013 were decreased by 1.1 percent from 9,370 births in 2012 (Table 1). The general fertility rate on the other hand has been declining each year from 59.7 in 2009 per 1,000 women aged 15-44 years to 53.2 in 2013 (Table 1 and Figure 1). Among women younger than 15 years of age, the fertility rates have fluctuated between 2009 and 2012, with a sharp drop to 0.5 births per 1,000 women in 2012 and again increased to 1.6 births per 1,000 women. The fertility rates among teenaged women (15-19 years) decreased by more than 16.6 percent from 2012 to 2013. Fertility rates for women aged 20-24 years and 25-29 years were also decreased by 3.6 and 6.9 percent in 2013 over 2012 respectively. For women aged 30-34, the fertility rate increased by about 1.8 percent from 2012 to 2013. Fertility rates among women in the older age groups (35-39 years and 40 and older) decreased by 5.0 percent and 11.1 percent, respectively from 2012 to 2013. In 2013, 7.1 percent or 657 of the live births occurred to mothers younger than 20 years of age, 17.5 percent fewer than the 796 births that occurred in 2012.

Between 2012 and 2013, the number of live births declined among younger mother age groups 20-24 and 25-29 years from 1,827 to 1,712 and 1,967 to 1,860 respectively. The number of births increased among mothers of middle (30-34 years) and upper middle (35-39 years) age groups

from 2,618 to 2,872 and 1,644 to 1,677 during the same periods. In 2013, number of live births among 40 years and older mother declined from 518 births in 2012 to 482.

Live births among DC resident black women increased by 1.6 percent from 51.4 percent in 2012 to 52.2 percent in 2013. In 2013, 32.4 percent white women had live births up by 2.2 percent from 2012. About 4.5 percent of births were to Asian/Pacific Islander mothers, 9.8 percent to mothers of other races, and 13.4 percent to Hispanic/Latina<sup>1</sup> mothers that was 8.2 percent declined from 14.6 percent in 2012 (Table 3).

## **Induced Abortions**

The number of reported induced abortions to the District of Columbia residents decreased by about 13.0 percent between 2012 and 2013 (Table 1). The abortion rate in 2013 was 9.3 per 1,000 women aged 15-44 years compared to 11.0 in 2012. About 10.7 percent of the 1,623 abortions reported in 2013 were among women under 20 years of age, whereas 61.8 percent abortions were performed on women in their twenties; these proportions were essentially 6.0 percent higher from 2012. Between 2012 and 2013, the rates for reported abortions decreased among women in all age groups and highest decreased observed among women younger than 15 years of age (declined by 58.3 percent) followed by women 35-39 years of age (by 42.2 percent). Among women aged 15-19 years, the abortion rate decreased by more than 19.0 percent (Table 1). The abortion rates decreased by 11.4 percent for women aged 25-29 years and 16.8 percent for women aged 30-34 years. For women aged 40 years and older the rate in 2013 remained almost as it was in 2012.

Induced abortion by race of women increased among all racial groups in 2013 with the exception of other race group category. In 2012, 61.6 percent of reported induced abortions were to black women and that increased to 65.7 percent in 2013. Among white women it was 22.2 percent in 2012 and increased to 26.2 percent, 4.0 percent were to Asian and Pacific Islanders increased to 4.1 percent in 2013. On the other hand, induced abortions decreased a record low among other race groups (from 12.2 percent in 2012 to 3.3 percent in 2013). Among Hispanic/Latina<sup>1</sup> women the induced abortion rate increase 2.2 percent in 2013 compared to 2012 (Table 3).

[First quarter (January to March) of 2012 abortion data were not available by resident status; therefore, resident status, age, race/ethnicity were estimated based on the 2011 proportion of these categories. The total number of abortion for 2012 was calculated by adding the estimated total for the first quarter to resident data collected during the other three quarters of the year. In this report, late entry of some abortion records in 2012 was updated and the rates were adjusted.]

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<sup>1</sup> “Hispanic/Latina” is not a race category. Persons of Hispanic origin may be of any race. Therefore, each race category contains persons of both Hispanic and non-Hispanic origin.

## **Fetal Deaths**

The number of fetal deaths continued to increase in 2013. There were 84 reported fetal deaths of at least 20 weeks of gestation or weighing at least 500 grams in 2013, which were 18.3 percent more than the 71 reported fetal deaths in 2012 and were also 12.0 percent higher than the 75 deaths reported in 2009 (Table 1). During this reporting period, 84 had the highest number of fetal deaths in 2013. About 45.0 percent of the reported fetal deaths in 2013 occurred among women in their twenties and 41 percent to women in their thirties.

Fetal deaths among all racial groups were decreased in 2013. There were 71.4 percent of reported fetal deaths in 2013 among black women compared to 77.5 percent in 2012, a decrease of about 8.0 percent. Fetal deaths among white women accounted for 12.7 percent in 2012, also a decrease of 15.7 percent to 10.7 percent in 2013. Hispanic/Latina women experienced 6.0 percent fetal deaths in 2013, which was about 53.0 percent less than the rate of 12.7 percent in 2012 (Table 3).

## **Summary**

In 2013, 84.4 percent of the reported pregnancies ended in live births, 14.8 percent ended in induced abortions, and 0.8 percent ended in fetal deaths of at least 20 weeks of gestation or weighing at least 500 grams (Table 2). Figure 2A depicts the percentage of reported pregnancies ending as a live birth over the five-year period. It shows an increase in the percentage of reported pregnancies ending as a live birth among both younger than 20 years of age and women age 20 years and older. Figure 2B depicts the percentage of pregnancies ending as an induced abortion among women less than 20 years of age and women age 20 years and older over the five-year period. This shows that the percentage of pregnancies ending in abortion decreased among both younger than 20 years and women aged 20 years and older and the percentage declined about 6.0 and 8% respectively over 2012. In 2013 the proportion of reported pregnancies that ended in a live birth varied from 76.9 percent for women younger than 15 years of age to 90.6 percent for women aged 40 years and older (Figure 3). Figure 4 shows the geographic distribution of teen births by ward. The highest numbers of teen births are shown in Ward 8 followed by Wards 7, 5, and 4. The lowest numbers of teen births are shown in Wards 2 and 3. The hot spot analysis for 2012 teen births in Figure 5 also identified that DC residents residing in Wards 7 and 8 had significantly more teen births than the other wards.



Table 1. Number of Reported Pregnancies and Pregnancy Rates by Outcome of Pregnancy and Age of Women: District of Columbia, 2009-2013/ <sup>1</sup>																				
Age of Women	Reported Pregnancies					Live Births					Induced Abortions / <sup>2</sup>					Fetal Deaths / <sup>3</sup>				
	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013	2009	2010	2011	2012*	2013	2009	2010	2011	2012	2013
Total	10,889	11,133	11,291	11,306	10,971	9,008	9,156	9,289	9,370	9,264	1,806	1,909	1,941	1,865	1,623	75	68	61	71	84
Under 15 years	40	35	39	21	26	26	16	29	6	20	14	19	10	15	6	0	0	0	0	0
15-19 years	1,281	1,238	1,119	1,014	811	1,031	951	879	790	637	240	275	232	216	168	10	12	8	8	6
20-24 years	2,442	2,477	2,518	2,424	2,273	1,832	1,870	1,890	1,827	1,712	594	593	612	579	545	16	14	16	18	16
25-29 years	2,539	2,514	2,410	2,487	2,340	2,037	1,994	1,883	1,967	1,860	483	507	519	507	458	19	13	8	13	22
30-34 years	2,532	2,780	2,985	2,949	3,176	2,233	2,462	2,622	2,618	2,872	288	302	345	314	282	11	16	18	17	22
35-39 years	1,617	1,631	1,719	1,845	1,807	1,469	1,457	1,544	1,644	1,677	137	163	168	189	118	11	11	7	12	12
40 years and older	434	456	496	566	532	377	405	442	518	518	50	49	50	454	45	7	2	4	3	5
Not Reported	4	2	5	0	6	3	1	0	0	0	0	1	5	0	1	1	0	0	0	1
Rate per 1,000 women																				
Total / <sup>4</sup>	72.2	68.6	68.0	66.5	62.9	59.7	56.4	55.9	55.1	53.2	12.0	11.8	11.7	11.0	9.3	0.5	0.4	0.4	0.4	0.5
Under 15 years / <sup>5</sup>	3.0	2.8	3.1	1.7	2.1	1.9	1.3	2.3	0.5	1.6	1.0	1.5	0.8	1.2	0.5	0.0	0.0	0.0	0.0	0.0
15-19 years	59.1	59.0	54.5	49.4	40.9	47.6	45.4	42.8	38.5	32.1	11.1	13.1	11.3	10.5	8.5	0.5	0.6	0.4	0.4	0.3
20-24 years	89.8	70.2	74.1	74.2	71.7	67.4	53.0	55.6	56.0	54.0	21.9	16.8	18.0	17.7	17.2	0.6	0.4	0.5	0.6	0.5
25-29 years	78.7	67.1	60.6	60.4	55.8	63.2	53.2	47.4	47.7	44.4	15.0	13.5	13.1	12.3	10.9	0.6	0.3	0.2	0.3	0.5
30-34 years	94.5	97.6	96.8	89.1	89.0	83.3	86.5	85.0	79.1	80.5	10.7	10.6	11.2	9.5	7.9	0.4	0.6	0.6	0.5	0.6
35-39 years	70.1	75.9	78.9	81.1	74.0	63.7	67.8	70.9	72.3	68.7	5.9	7.6	7.7	8.3	4.8	0.5	0.5	0.3	0.5	0.5
40 years and older / <sup>6</sup>	21.9	24.5	25.8	28.5	25.6	19.0	21.8	23.0	26.1	23.2	2.5	2.6	2.6	2.3	2.2	0.4	0.1	0.2	0.2	0.2
1 / Rates were calculated using Bureau of the Census estimated population of July 2009 and 2010 census population and July 2011-July 2013 population estimates on 2010 census																				
2 / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D.C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table. * First quarter of 2012 abortion data were estimated using 2011 1 <sup>st</sup> quarter proportions by facilities and the numbers updated.																				
3 / Includes only fetal deaths of at least 20 weeks gestation or weight at least 500 grams.																				
4 / Computed by relating the number of events to women of all ages to women aged 15-44 years.																				
5 / Computed by relating the number of events to women under 15 years to women aged 10-14 years.																				
6 / Computed by relating the number of events to women aged 40 years and over to women aged 40-44 years.																				
Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.																				

Table 2. Percent of Reported Pregnancies Ending as a Live Birth, Induced Abortion, or Fetal Death by Age of Women: District of Columbia, 2009-2013															
Age of Women	Live Births					Induced Abortions / <sup>1</sup>					Fetal Deaths / <sup>2</sup>				
	2009	2010	2011	2012	2013	2009	2010	2011	2012*	2013*	2009	2010	2011	2012	2013
Total	82.7	82.2	82.3	82.9	84.4	16.6	17.1	17.2	16.5	14.8	0.7	0.6	0.5	0.6	0.8
Under 15 years	65.0	45.7	74.4	28.6	76.9	35.0	54.3	25.6	71.4	23.1	0.0	0.0	0.0	0.0	0.0
15-19 years	80.5	76.6	78.6	77.9	78.5	18.7	22.2	20.7	21.3	20.7	0.8	1.0	0.7	0.8	0.7
20-24 years	75.0	75.4	75.1	75.4	75.3	24.3	23.9	24.3	23.9	24.0	0.7	0.6	0.6	0.7	0.7
25-29 years	80.2	79.2	78.1	79.1	79.5	19.0	20.2	21.5	20.4	19.6	0.7	0.5	0.3	0.5	0.9
30-34 years	88.2	88.6	87.8	88.8	90.4	11.4	10.9	11.6	10.6	8.9	0.4	0.6	0.6	0.6	0.7
35-39 years	90.8	89.3	89.8	89.1	92.8	8.5	10.0	9.8	10.2	6.5	0.7	0.7	0.4	0.7	0.7
40 years and older	86.9	88.8	89.1	91.5	90.6	11.5	10.7	10.1	8.0	8.5	1.6	0.4	0.8	0.5	0.9
1 / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D. C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table. * First quarter of 2012 abortion data were estimated using 2011 1 <sup>st</sup> quarter proportions by facilities and the numbers updated. 2 / Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams. Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.															

**Table 3. Number of Reported Pregnancies, Live Births, Induced Abortions, and Fetal Deaths by Race/Ethnicity of Women: District of Columbia, 2009-2013**

Race/Ethnicity of Women	Reported Pregnancies					Live Births					Induced Abortions / <sup>1</sup>					Fetal Deaths / <sup>2</sup>				
	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013	2009	2010	2011	2012*	2013	2009	2010	2011	2012	2013
<b>Total</b>	10,889	11,133	11,291	11,306	10,971	9,008	9,156	9,289	9,370	9,264	1,806	1,909	1,941	1,865	1,623	75	68	61	71	84
<b>Black</b>	5,965	6,129	6,153	6,019	5,967	4,847	4,940	4,903	4,816	4,840	1,069	1,146	1,204	1,148	1,067	49	43	46	55	60
<b>(Percent)</b>	(54.8)	(55.1)	(54.5)	(53.2)	(54.4)	(53.8)	(54.0)	(52.8)	(51.4)	(52.2)	(59.2)	(60.0)	(62.0)	(61.6)	(65.7)	(65.3)	(63.2)	(75.4)	(77.5)	(71.4)
<b>White</b>	3,094	3,067	3,283	3,397	3,432	2,655	2,632	2,843	2,974	2,997	428	425	433	414	426	11	10	7	9	9
<b>(Percent)</b>	(28.4)	(27.5)	(29.1)	(30.0)	(31.3)	(29.5)	(28.7)	(30.6)	(31.7)	(32.4)	(23.7)	(22.3)	(22.3)	(22.2)	(26.2)	(14.7)	(14.7)	(11.5)	(12.7)	(10.7)
<b>API</b>	356	430	502	486	507	298	365	420	411	439	58	63	80	75	68	0	2	2	0	0
<b>(Percent)</b>	(3.3)	(3.9)	(4.4)	(4.3)	(4.6)	(3.3)	(4.0)	(4.5)	(4.4)	(4.7)	(3.2)	(3.3)	(4.1)	(4.0)	(4.1)	(0.0)	(2.9)	(3.3)	(0.0)	(0.0)
<b>Other</b>	1,130	843	825	1,049	968	904	622	612	814	908	222	221	209	228	54	4	0	4	7	6
<b>(Percent)</b>	(10.4)	(7.6)	(7.3)	(9.3)	(8.8)	(10.0)	(6.8)	(6.6)	(8.7)	(9.8)	(12.3)	(11.6)	(10.8)	(12.2)	(3.3)	(5.3)	(0.0)	(6.6)	(9.9)	(7.1)
<b>Not Reported+</b>	344	664	528	355	97	304	597	511	355	80	29	54	15	0	8	11	13	2	0	9
<b>(Percent)</b>	(3.2)	(6.0)	(4.7)	(3.1)	(0.9)	(3.4)	(6.5)	(5.5)	(3.8)	(0.9)	(1.6)	(2.8)	(0.8)	(0.0)	(0.5)	(14.7)	(19.1)	(3.3)	(0.0)	(10.7)
<b>Ethnicity</b>																				
<b>Total</b>	10,889	11,133	11,291	11,306	10,971	9,008	9,156	9,289	9,370	9,264	1,806	1,909	1,941	1,865	1,623	75	68	61	71	84
<b>Hispanic/Latina/ <sup>3</sup></b>	1,674	1,527	1,503	1,547	1,397	1,498	1,351	1,358	1,370	1,243	170	169	141	168	149	6	7	4	9	5
<b>(Percent)</b>	(15.4)	(13.7)	(13.3)	(13.7)	(12.7)	(16.6)	(14.8)	(14.6)	(14.6)	(13.4)	(9.4)	(8.9)	(7.3)	(9.0)	(9.2)	(8.0)	(10.3)	(6.6)	(12.7)	(6.0)
<b>Not Hispanic/Latina</b>	8,971	9,497	9,666	9,698	9,535	7,305	7,721	7,828	7,966	7,983	1,617	1,721	1,781	1,690	1,473	49	55	57	62	79
<b>(Percent)</b>	(82.4)	(85.3)	(85.6)	(85.9)	(86.9)	(81.1)	(84.3)	(84.3)	(85.0)	(86.2)	(89.5)	(90.2)	(91.8)	(90.6)	(90.8)	(65.3)	(80.9)	(93.4)	(87.3)	(94.0)
<b>Not Reported+</b>	244	109	122	41	39	205	84	103	34	38	19	19	19	7	1	20	6	0	0	0
<b>(Percent)</b>	(2.2)	(1.0)	(1.1)	(0.4)	(0.4)	(2.3)	(0.9)	(1.1)	(0.4)	(0.4)	(1.1)	(1.0)	(1.0)	(0.4)	(0.1)	(26.7)	(8.8)	(0.0)	(0.0)	(0.0)

1 / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D. C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table. \* First quarter of 2012 abortion data were estimated using 2011 1<sup>st</sup> quarter proportions by facilities and the numbers updated.

2 / Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams.

3 / Persons of Hispanic origin may be of any race. Therefore, each race category contains persons of both Hispanic and non-Hispanic origin.

+ Facility did not report data by race/ethnicity.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

**Table 4. Number of Reported Pregnancies by Outcome and Age-Specific Rates for Teenagers Aged 15-19 Years by Age: District of Columbia, 2009-2013**

Age of Teenagers	Live Births / <sup>2</sup>					Induced Abortions / <sup>3</sup>					Fetal Deaths / <sup>4</sup>				
	2009	2010	2011	2012	2013	2009	2010	2011	2012*	2013	2009	2010	2011	2012	2013
<b>Total (15-19 years)</b>	1,032	951	879	790	637	240	275	232	216	168	10	12	8	8	6
<b>15 years</b>	46	41	35	36	38	18	23	17	12	20	1	1	1	0	0
<b>16 years</b>	115	104	73	88	57	21	44	18	21	24	2	2	0	1	6
<b>17 years</b>	203	159	172	114	90	45	41	32	40	31	2	0	1	1	6
<b>(15-17 years)</b>	(364)	(304)	(280)	(238)	(185)	(84)	(108)	(67)	(73)	(75)	(5)	(3)	(2)	(2)	(0)
<b>18 years</b>	306	282	240	229	171	66	58	63	56	35	4	4	4	3	2
<b>19 years</b>	362	365	359	323	281	90	109	102	87	59	1	5	2	3	4
<b>(18-19 years)</b>	(668)	(647)	(599)	(552)	(452)	(156)	(167)	(165)	(143)	(93)	(5)	(9)	(6)	(6)	(6)
<b>Rates per 1,000 Women</b>															
<b>Total (15-19 years) / <sup>5</sup></b>	47.6	45.4	42.8	38.5	32.1	11.1	13.1	11.3	10.5	8.5	0.5	0.6	0.4	0.4	0.3
<b>15 years</b>	15.5	15.2	13.2	13.6	15.2	6.1	8.5	6.4	4.5	8.0	0.3	0.4	0.4	0.0	0.0
<b>16 years</b>	37.6	37.0	26.5	32.0	22.7	6.9	15.6	6.5	7.6	9.6	0.7	0.7	0.0	0.4	0.0
<b>17 years</b>	62.8	53.3	58.9	39.1	33.0	13.9	13.7	11.0	13.7	11.4	0.6	0.0	0.3	0.3	0.0
<b>(15-17 years)</b>	(39.3)	(35.8)	(33.7)	(28.6)	(23.9)	(9.1)	(12.7)	(8.1)	(8.8)	(9.7)	(0.5)	(0.4)	(0.2)	(0.3)	(0.0)
<b>18 years</b>	57.4	53.5	46.5	44.4	33.1	12.4	11.0	12.2	10.9	6.8	0.8	0.8	0.8	0.6	0.4
<b>19 years</b>	51.0	50.7	50.9	45.9	40.5	12.7	15.1	14.5	12.4	8.4	0.1	0.7	0.3	0.6	0.6
<b>(18-19 years)</b>	(53.8)	(51.9)	(49.1)	(45.2)	(37.4)	(12.6)	(13.4)	(13.5)	(11.7)	(7.7)	(0.4)	(0.7)	(0.5)	(0.5)	(0.5)

1 / Rates were calculated using Bureau of the Census July 2009, July 2011 -2013 population estimated on 2010 Census population.

2 / Age-specific fertility rate per 1,000 women in each age/age group category.

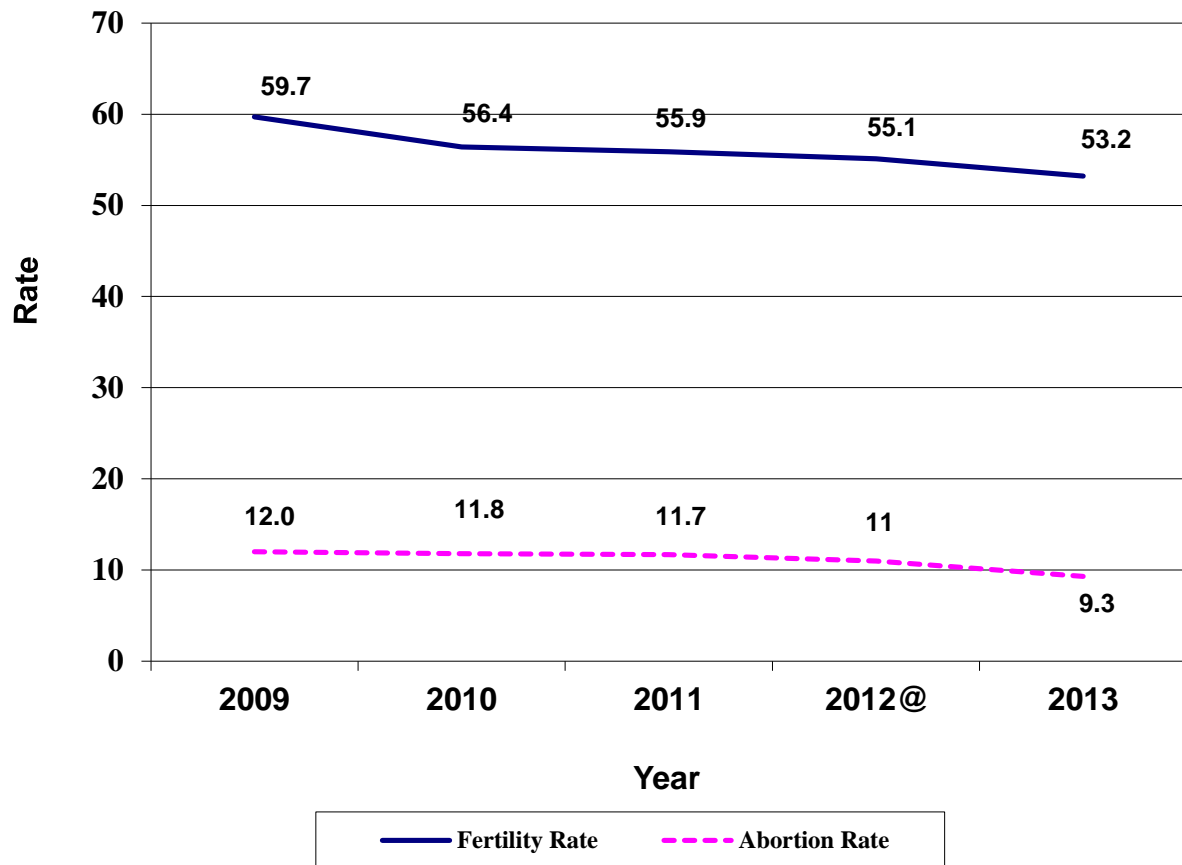
3 / Age-specific rate per 1,000 women in each age/age group category. Only abortions reported to the D.C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table. \* First quarter of 2012 abortion data were estimated using 2011 1<sup>st</sup> quarter proportions by facilities and numbers updated.

4 / Age-specific rate per 1,000 women in each age/age group category. Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams.

5 / Rate per 1,000 women aged 15-19 years.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

**Figure 1. Abortion Rate\* and Fertility Rate\*\*  
District of Columbia, 2009-2013**



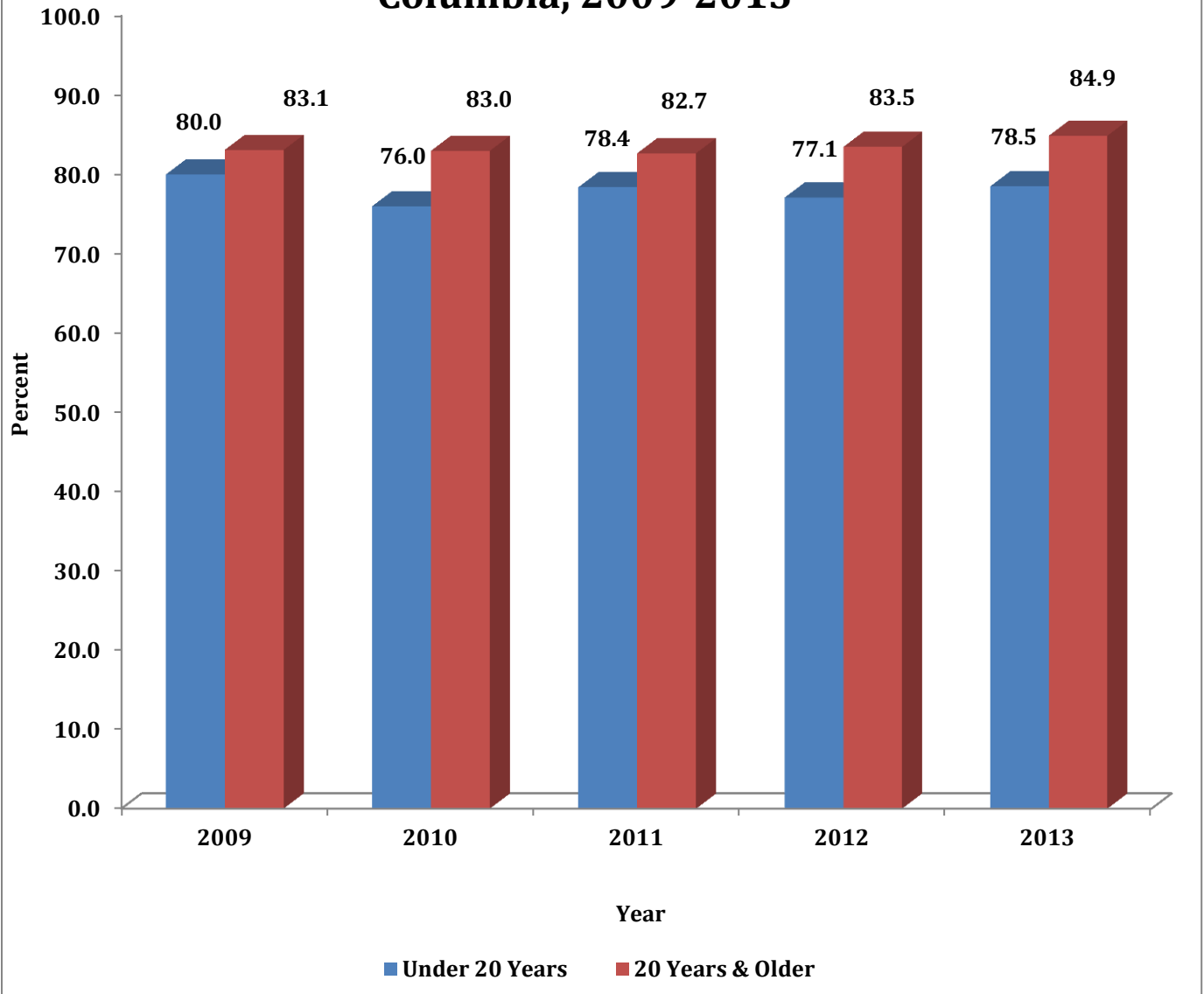
\*The abortion rate is the number of abortions per 1,000 females 15-44 years of age.

\*\*The fertility rate is the number of births per 1,000 females 15-44 years of age.

@ 2012 First quarter abortion data were estimated using proportion of 2011 first quarter data from same facilities and updated.

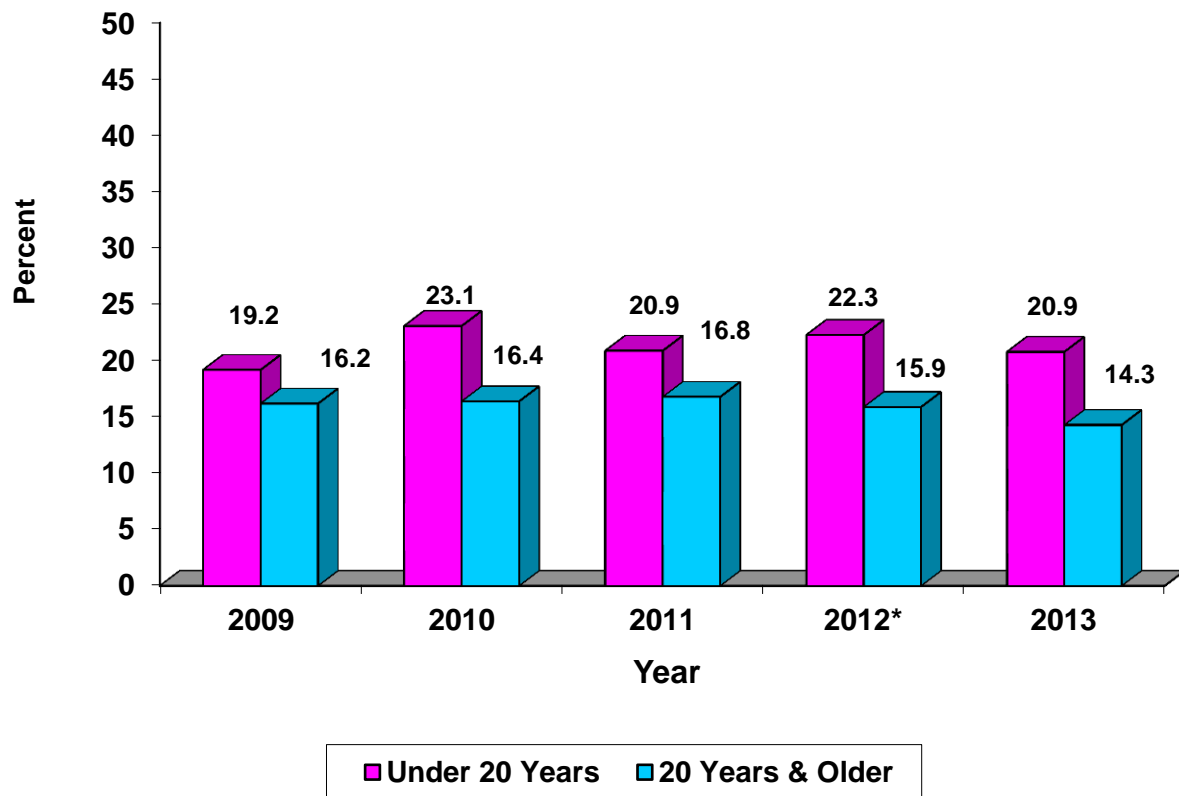
Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation,  
DC Department of Health.

**Figure 2A. Percent of Reported Pregnancies Ending as a Live Birth by Age: District of Columbia, 2009-2013**



Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

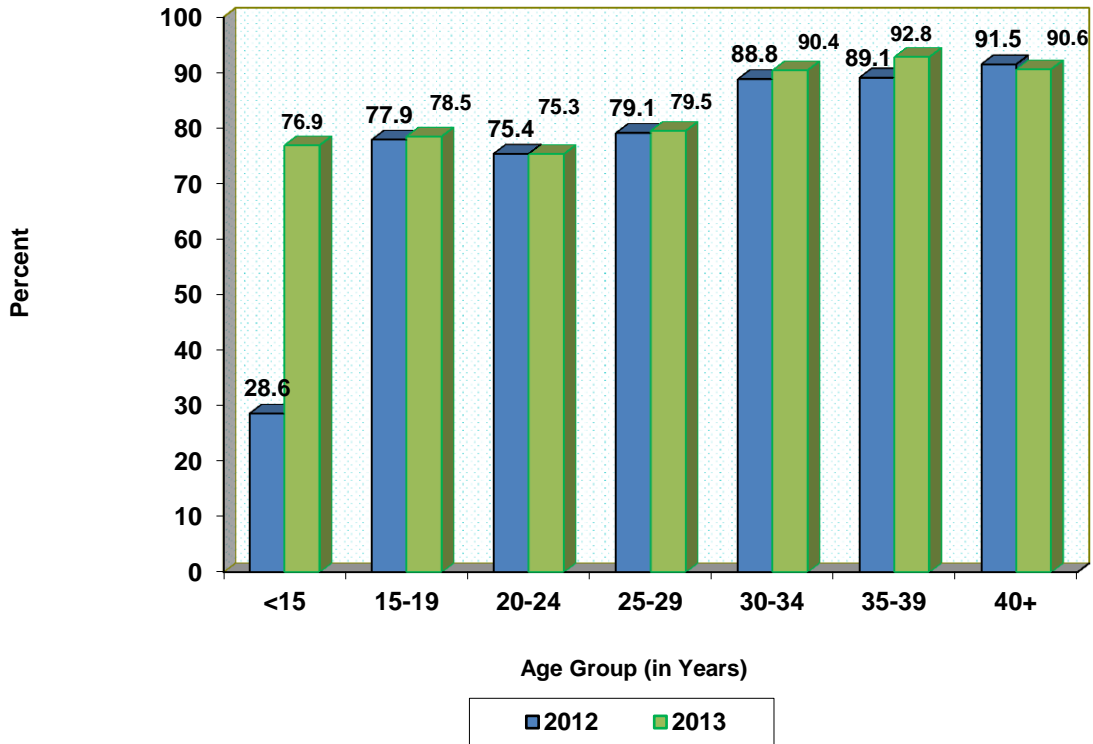
**Figure 2B. Percent of Reported Pregnancies Ending as Abortion by Age: District of Columbia, 2009-2013**



\*2012 First quarter abortion data were estimated using proportion of 2011 1<sup>st</sup> quarter data from same facilities and updated.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

**Figure 3. Percent of Reported Pregnancies Ending as a Live Birth by Age: District of Columbia, 2012-2013**



Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.



Figure 4

## District of Columbia Teen Birth Rates, 2013

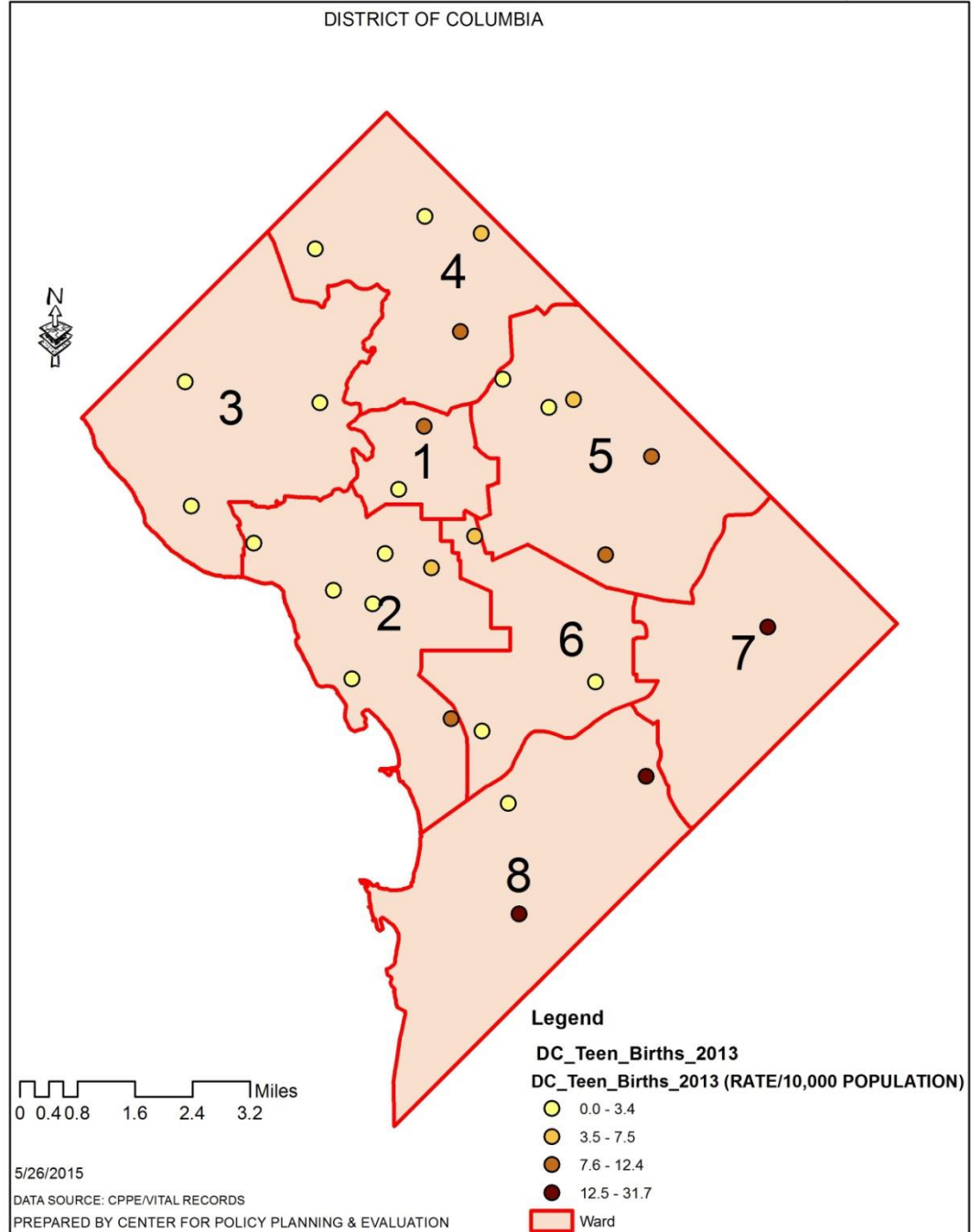
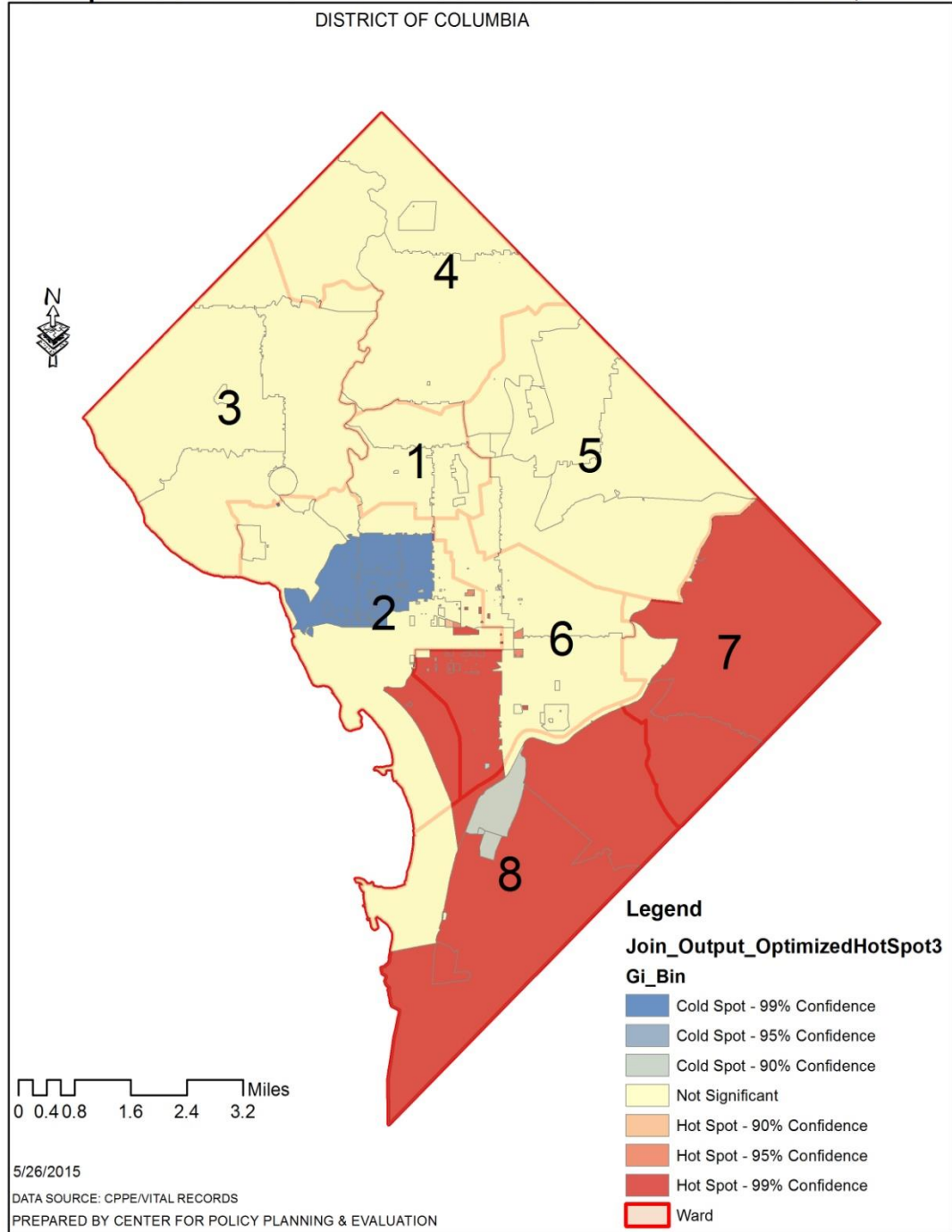


Figure 5

## Hotspots of District of Columbia Teen Birth Rates, 2013



# **APPENDICES**

Census 2010 and 2013 Estimated Population by Age and Gender District of Columbia						
	2010 Census			2013 Estimate		
Age in Years	Both sexes	Female	Male	Both sexes	Female	Male
	601,723	317,501	284,222	646,449	340,199	306,250
Under 5 years	32,613	16,080	16,533	40,967	20,073	20,894
5 to 9 years	26,147	12,949	13,198	29,876	14,734	15,142
Total 10-44 years	334,474	174,714	159,760	357,381	186,931	170,450
10 to 14 years	25,041	12,400	12,641	25,241	12,643	12,598
15 to 19 years	39,919	20,968	18,951	37,572	19,822	17,750
20 to 24 years	64,110	35,309	28,801	58,800	31,691	27,109
25 to 29 years	69,649	37,482	32,167	77,098	41,919	35,179
30 to 34 years	55,096	28,479	26,617	68,786	35,670	33,116
35 to 39 years	42,925	21,478	21,447	48,120	24,409	23,711
40 to 44 years	37,734	18,598	19,136	41,764	20,777	20,987
Total 15-44 years	309,433	162,314	147,119	332,140	174,288	157,852
45 to 49 years	38,539	19,005	19,534	37,946	18,797	19,149
50 to 54 years	37,164	19,050	18,114	38,253	19,148	19,105
55 to 59 years	34,274	18,280	15,994	36,539	19,329	17,210
60 to 64 years	29,703	16,305	13,398	32,065	17,453	14,612
65 to 69 years	21,488	11,883	9,605	24,149	13,490	10,659
70 to 74 years	15,481	8,810	6,671	16,867	9,577	7,290
75 to 79 years	11,820	7,038	4,782	11,978	7,115	4,863
80 to 84 years	9,705	6,189	3,516	9,233	5,796	3,437
85 and over	10,315	7,198	3,117	11,195	7,756	3,439

Source: U.S. Census Bureau, Census April1,2010 & July1, 2013

<b>2009 and 2011- 2013 Estimated Population and 2010 Census Population by Selected Age for Women: District of Columbia</b>					
<b>Age in Years</b>	<b>Population in 2009</b>	<b>Population in 2010</b>	<b>Population in 2011</b>	<b>Population in 2012</b>	<b>Population in 2013</b>
<b>Total Women</b>	<b>316,594</b>	<b>317,501</b>	<b>325,775</b>	<b>333,282</b>	<b>340,199</b>
<b>Total 10-44 years</b>	<b>164,231</b>	<b>174,714</b>	<b>178,526</b>	<b>182,711</b>	<b>186,931</b>
<b>10-14</b>	<b>13,390</b>	<b>12,400</b>	<b>12,445</b>	<b>12,651</b>	<b>12,643</b>
<b>15-19</b>	<b>21,678</b>	<b>20,968</b>	<b>20,531</b>	<b>20,511</b>	<b>19,822</b>
<b>20-24</b>	<b>27,179</b>	<b>35,309</b>	<b>33,984</b>	<b>32,649</b>	<b>31,691</b>
<b>25-29</b>	<b>32,253</b>	<b>37,482</b>	<b>39,741</b>	<b>41,207</b>	<b>41,919</b>
<b>30-34</b>	<b>26,807</b>	<b>28,479</b>	<b>30,851</b>	<b>33,095</b>	<b>35,670</b>
<b>35-39</b>	<b>23,072</b>	<b>21,478</b>	<b>21,784</b>	<b>22,744</b>	<b>24,409</b>
<b>40-44</b>	<b>19,852</b>	<b>18,598</b>	<b>19,190</b>	<b>19,854</b>	<b>20,777</b>
<b>Total 15-44 years</b>	<b>150,841</b>	<b>162,314</b>	<b>166,081</b>	<b>170,060</b>	<b>174,288</b>

Source: U.S. Census Bureau, Population Division, May 2012 & American Fact Finder June 2014

<b>2000 and 2010 Census Population, 2009 and 2011- 2013  Estimated Population by Individual Age for  Women Aged 15 to 19 Years, District of Columbia</b>						
<b>Age of Women (in years)</b>	<b>2000</b>	<b>2009*</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Total 15-19</b>	19,851	21,678	20,968	20,531	20,511	19,822
<b>15</b>	2,714	2,964	2,700	2,644	2,641	2,493
<b>16</b>	2,801	3,059	2,814	2,755	2,752	2,511
<b>17</b>	2,958	3,230	2,983	2,921	2,918	2,724
<b>15-17</b>	8,473	9,253	8,497	8,320	8,311	7,728
<b>18</b>	4,880	5,329	5,272	5,162	5,157	5,163
<b>19</b>	6,498	7,096	7,199	7,049	7,043	6,931
<b>18-19</b>	11,378	12,425	12,471	12,211	12,200	12,094

\* 2009 estimated population by individual age is based on Census 2000 proportion by age; 2011- 2013 estimated population by individual age are based on Census 2010 population.  
Source: U.S. Census Bureau, Census 2000 & 2010 summary file2, Table PCT3 & American Fact Finder  
June 2014

## **Technical Notes**

### **Definition**

Abortion (Legally induced termination of pregnancy)

The purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus. The abortion rates are the number of resident abortions per 1,000 women in each specified age group.

Age-specific fertility rate      Number of resident live births to women in a specific age group per 1,000 women in the same age group during a calendar year.

$$\frac{\text{Live births to women in specific age-group}}{\text{Estimated mid-year female population in that age group}} \times 1,000$$

General fertility rate      Total number of resident live births to women of all ages during a calendar year per 1,000 populations of women of childbearing age (15-44 years).

$$\frac{\text{Live Births}}{\text{Estimated mid-year female population 5-44 years old}} \times 1,000$$

Fetal death

Death prior to the complete expulsion or extraction from its mother of a product of human conception of 20 weeks or more duration of pregnancy or 500 grams or more and which is not an induced termination of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

Live Birth

Defined as the complete expulsion or extraction from its mother of a product of human conception, regardless of the duration of pregnancy. After such expulsion or extraction, the product must breathe or show other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Pregnancy

The period from conception to birth. Pregnancies are computed by adding the number of live births, fetal losses, and abortions.

Pregnancy rate

Pregnancy rates are the number of resident pregnancies per 1,000 women in each specified age group.

## **Source of Data**

Data shown in this report for 2009-2013 are based on 100 percent of the resident birth and fetal death certificates in the District of Columbia (DC) and DC resident births that occurred in other states through the inter-state exchange agreement. Abortion reporting in the District of Columbia is voluntary. Hospitals and free-standing clinics that agree to participate, reported abortion data on a standardized reporting form to the Department of Health. Abortions that are performed in private physicians' offices are not reported to the DC Department of Health; therefore, their data are not included in this report. Because of some technical problems first quarter of 2012 abortion data were not available by different categories and were estimated using 2011 1<sup>st</sup> quarter proportions of different categories by facilities. Total numbers of abortion for all facilities were calculated by adding other three quarter data with the estimated numbers of first quarter and the abortion data further updated in this report.

## **Age of Woman**

Age of woman is computed in most cases from the mother and infant's date of birth as reported on the birth certificate. In the case of the fetal death certificate, the woman's age is computed from her date of birth and the date the fetal death occurred. In the case of the abortion reporting form, the woman's age is directly reported.

## **Race and Hispanic Origin**

**Race and Hispanic origin** are reported separately on the birth and fetal death certificates and the abortion reporting form.

**Births and Fetal Deaths.** Race of women is reported in nine categories on the fetal death certificate (from 2008- Jan, 2009), which used the 1989 revision of the U.S. Standard Certificate of Live Birth (1). The categories are: White, Black, American Indian, Chinese, Japanese, Hawaiian, Filipino, "other" Asian or Pacific Islander and "Other" race.

**Single, Multiple, and 'Bridged' Race for Live Births.** On February 2009, the District of Columbia began reporting multiple-race data, which used the 2003 revision of the U.S. Standard Certificate of Live Birth and allows the reporting of more than one race (multiple races) for each parent in accordance with the revised standards issued by the Office of Management and Budget (OMB) in 1997 (2,3). To provide uniformity and comparability of the data during the transition period, before all or most of the data are available in the new multiple-race format, it was necessary to "bridge" the responses of those who reported more than one race (multiple race) to a single race. Race of woman, from February 2009, is reported in 24 race categories on the birth certificate as follows:

**Single Race:** White, Black, American Indian or Alaskan Native, Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Other Asian, Native Hawaiian, Guamanian or Chamorro, Samoan, Other Pacific Islander, and Other.



**Bridged multiple specified race:** White, Black, American Indian or Alaskan Native, Asian or Pacific Islander.

**Induced Abortion.** Induced abortion is defined as an intentional termination of pregnancy before the fetus has developed enough to live if born. Race of woman on the abortion reporting form is reported in six categories: White, Black, Asian, Hawaiian, Native American and “Other” race.

**Hispanic origin of woman** is reported as either Hispanic/Latina or not Hispanic/Latina and selected country of origin on all reporting data sources.

### **Population Denominators**

Pregnancy, birth, fertility, abortion, and fetal death rates are based on population estimates of July 2009 and 2010 Census Population and estimates for 2011- 2013.

### **Computation of Rates**

In computing the general pregnancy, birth, fertility, abortion, and fetal death rates, the population denominator is the number of women aged 15-44 years. In computing age-specific rates, the number of events to women in each specified age-group is related to the female population in the associated age-group (e.g., the number of events to women younger than 15 years divided by the population of women aged 10-14 years).

## **References**

1. Office of Management and Budget. Race and ethnic standards for federal statistics and administrative reporting. Statistical Policy Directive 15. May 12, 1977.
2. Office of Management and Budget. Revisions to the standards for the classification of federal data on race and ethnicity. Federal Register 62FR58781–58790. October 30, 1997. Available from: <http://www.whitehouse.gov/omb/fedreg/ombdir15.html>.
3. Ingram DD, Parker JD, Schenker N, et al. United States Census 2000 with bridged race categories. National Center for Health Statistics. Vital Health Stat 2 (135). 2003. Available from: [http://www.cdc.gov/nchs/data/series/sr\\_02/sr02\\_135.pdf](http://www.cdc.gov/nchs/data/series/sr_02/sr02_135.pdf).
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5. U.S Census Bureau, American Fact Finder, Annual Estimates of the Resident Population by Sex, Race, and Hispanic origin for the United States, States, and Counties: April 1, 2010 to July1, 2013. Release Date: June 2014